Exhibit Name: Indemnity Calculations

		: P21-2, Plan 02 & 03		Rei	nsurance Year:		
		: Acreage Claim			Version:		
	Record Code	; PZ1			Release Date:	8/3/2010	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Har	vest Price Ex	clusion			
	0011 Wheat	0021 Cotton			0078 Sunflowe	r	
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans	3	
	0018 Rice	0051 Grain Sorghum			0091 Barley		
	<u>Calculations</u>	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	<u>Rules</u>
Section 1: Stage Guarante		<u> </u>	Ivamber	Number	Torride	Kounung	Rules
Guarantee Per Acre	= Approved Yield * Coverage Level Percent	Guarantee Per Acre	Internal		999999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
		Approved Yield	P11	47	99999999.99	None	
		Coverage Level Percent	P14	33	9.9999	None	
Acre Guarantee Quantity	= Guarantee per Acre * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	

P11

75

0.999

None

Guarantee Adjustment Factor

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2011

Version: DRAFT Release Date: 8/5/2010

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Pri	03 Revenue Protection with Harvest Price Exclusion							
	0011 Wheat	0021 Cotton	0078 Sunflower							
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans							
	0018 Rice	0051 Grain Sorghum	0091 Barley							

	0011 Wheat 0021 Cotton 0078 Sunflower						
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans	j.	
	0018 Rice	0051 Grain Sorghum			0091 Barley		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Revenue Protection, "02",	Revenue Protection Guarantee Calculation:						
Acra Stage Guarantee	Acra Guarantee Quantity * (Projected Price or Harvest	Acre Stage Guarantee Amount	P21	36	999999999.99	Round to nearest dollar and cents.	
Acre Stage Guarantee	= Acre Guarantee Quantity * (Projected Price or Harvest Price which ever is greater * Price Election Percent)	Projected Price	ADM			None	Edit with ADM Price, "00810".
Amount	rice which ever is greater - rice Election Percent)	Harvest Price	ADM			None	Edit with ADM Price, "00810".
		Price Election Percent	Internal		9.999	None	Must equal 1.000
Guarantee Calculation:	larvest Price Exclusion, "03", Revenue Protection _ Acre Guarantee Quantity * (Projected Price * Price	Acre Stage Guarantee Amount	P21	36	999999999999999999999999999999999999999	Round to nearest dollar and cents.	
Guarantee Per Acre	= Acre Guarantee Quantity * (Projected Price * Price Election Percent)	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "00810".
		Price Election Percent	Internal		9.999	None	Must equal 1.000
Section 2: Loss Guarantee Calculation							
Loss Guarantee Amount	_ Acre Stage Guarantee Amount * Determined Acreage *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
Loss Guarantee Amount	= Liability Adjustment Factor	Determined Acreage	P21	47	_		
	Liability Adjustment Factor	Determined Hereage	FZI	17	99999999.99	None	
		Liability Adjustment Factor	P21	40		None None	
	, ,				9.999999		
Revenue Conversion Production to Count	= Production to Count Quantity * Harvest Price	Liability Adjustment Factor Revenue Conversion Production	P21	40	9.999999 99999999.99 99999999.99	None Round to whole number	

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03

Reinsurance Year: 2011

	Record Name: Record Code:				Version: Release Date:		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Ex	clusion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0051 Grain Sorghum			0078 Sunflowe 0081 Soybeans 0091 Barley		
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Section 3: Indemnity Calcula	ation						
I Unit Deficiency () liantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	35	\$99999999.99	Round to whole number nearest dollar and cents.	
Preliminary Indemnity = Amount	: Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
Amount	Preliminary Indemnity Amount * Multiple Commodity	Insured Share Percent Indemnity Amount	P11 P21	46 53		None Round to whole number.	
Indemnity Amount =	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	
Section 4: Stage Guarantee							
When Stage Code equals: Acre Stage Guarantee	Prevented Planting Option 1, "P1", Prevented Planting Option 2, "P2", Prevented Planting Option 3, Harvested, "H3", Prevented Planting Option 3, Unharvested, "U3", Prevented Planting Option 3, Unharvested, "U3", Prevented Planting Uninsured Loss, "PU", Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF" Acre Guarantee Quantity * (Projected Price * Price Election Percent) * Guarantee Adjustment Factor	Acre Stage Guarantee Amount Projected Price	P21 ADM	36		Round to nearest dollar and cents. None	Edit with ADM Price, "00810". Edit with ICE Price Election Percent,
		Price Election Percent Guarantee Adjustment Factor	ICE P11	75		None None	"D00007".
Section 5: Prevented Planting	ng Payment Loss Guarantee Calculation						
	Acre Stage Guarantee Amount * Determined Acreage *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number- nearest dollar and cents.	
	Liability Adjustment Factor	Determined Acreage Liability Adjustment Factor	P21 P21	17 40	999999999999999	None None	

Exhibit Name: Indemnity Calculations Reinsurance Year: 2011 Exhibit Number: P21-2, Plan 02 & 03 **Version: DRAFT Record Name:** Acreage Claim Record Code: P21 Release Date: 8/5/2010 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0051 Grain Sorghum 0091 Barley 0018 Rice Field Field Record Field Field **Calculations** <u>Name</u> **Number** Number **Format Rounding Rules** Section 6: Prevented Planting Payment Indemnity Calculation Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent P21 S999999999 Round to whole number. Preliminary Indemnity Amount 52 **Insured Share Percent** P11 46 9.999 None 53 Indemnity Amount P21 S999999999 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment **Adjustment Factor** ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor Total Indemnity ∑ Indemnity Amount for the Unit **Total Indemnity** Internal S999999999 Round to whole number. **Section 7: Stage Guarantee Calculation** Replant Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03" When Stage Code equals Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT" When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure 99999999.99 Guarantee Per Acre Internal equals Tons, "Tons", then Guarantee Per Acre = Approved Yield * Coverage Level Percent Round to 2 decimals. Otherwise, Round to 1 decimal. Approved Yield P11 47 9999999.99 None 33 9.9999

P14

None

Coverage Level Percent

8/17/2010 Page 4 of 10 **Exhibit Name:** Indemnity Calculations **Exhibit Number:** P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2011

Version: DRAFT
Release Date: 8/5/2010

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton	0078 Sunflower
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans
	0018 Rice	0051 Grain Sorghum	0091 Barley

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Acre Guarantee Quantity = Guarantee per Acre * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.

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Exhibit Name: Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2011 Version: DRAFT

Release Date: 8/5/2010

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harves	03 Revenue Protection with Harvest Price Exclusion					
	0011 Wheat	0021 Cotton	0078 Sunflower					
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans					
	0018 Rice	0051 Grain Sorghum	0091 Barley					

<u>Commodity Code</u> 0015 Canola	0041 Corn			0081 Soybean	S	
0018 Rice	0051 Grain Sorghum			0091 Barley		
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	Rules
	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].	
Price Election Amount = Projected Price * Price Election Percent	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00, when Insurance Plan Code equals Revenue Protection, "02". Otherwise, edit with ICE Price Election Percent, "D00007".

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim

Version: DRAFT

Reinsurance Year: 2011

	Record Name Record Code	: Acreage Claim : P21		Release Date: 8/5/2010			
						, ,	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion					
	0011 Wheat	0021 Cotton			0078 Sunflowe	r	
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans	;	
	0018 Rice	0051 Grain Sorghum			0091 Barley		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
	Lesser of:	Acre Stage Guarantee Amount	P21	36	999999999.99	Round to 1 decimal nearest dollar and cents.	
Acre Stage Guarantee Amount	20% of Acre Guarantee Quantity	Price Election Amount	Internal		99999.999	None	Price Election Percent must equal 1.00 when Insurance Plan Code is Yield Protection, "01" or Revenue Protection, "02".
		Maximum Stage Guarantee					
Section 8: Replant Payment	t Loss Guarantee Calculation						
Loss Guarantee Amount =	Replant Stage Guarantee Per Acre * Determined	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
LOSS Guarantee Amount -	Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	40	9.999999	None	
Section 9: Replant Paymen	t Indemnity Calculation						
Preliminary Indemnity Amount	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S999999999	Round to whole number.	
Amount		Insured Share Percent	P11	48	9.999	None	
		Indemnity Amount	P21	53	S999999999	Round to whole number.	
Indemnity Amount =	= Preliminary Indemnity Amount	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03 **Reinsurance Year: 2011** Version: DRAFT Record Name: Acreage Claim Record Code: P21 Release Date: 8/5/2010 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0091 Barley 0018 Rice 0051 Grain Sorghum <u>Field</u> Field Field Record Field Number Rounding **Calculations** <u>Name</u> <u>Number</u> **Format Rules** Section 10: Stage Guarantee Calculation Malting Barley Price and Quality Endorsement Round to nearest whole pounds, nearest hundreth 9999999999 for tonage commodities, or Production Guarantee Per Acre Internal nearest tenths for other units of measure. Malting Barley-Option A (MA)- Lesser of: MA Yield for Malt Barley Production Guarantee Per Acre = (Approved Yield * Coverage Level Percent) * Guarantee Adjustement Factor Round to nearest tenths for APH Yield for Barley Barrels and Tons, otherwise Approved Yield nearest whole number for Malting Barley-Option B (MB) - Lesser of: other units of measure. Contracted Bushels per Acre APH Yield for Barley Coverage Level Percent 33 9.9999 P14 None Guarantee Adjustment Factor would be for Guarantee Adjustment Factor 75

P11

0.999

None

late planted acres.

8/17/2010 Page 8 of 10 **Exhibit Name:** Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton	0078 Sunflower
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans
	0018 Rice	0051 Grain Sorghum	0091 Barley

Record Code: P21

<u>Commodity Code</u> 0015 Canola	0041 Corn			0081 Soybeans	5	
0018 Rice	0051 Grain Sorghum			0091 Barley		
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Price Election Amount = Additional Value Price	Price Election Amount	Internal		99999.999		Malting Barley - Option A (MA) - (1) The RMA issued Malting Barley Additional Value Price, or (2) Malting Barley price amount (Premium Amount) from a price agreement or a Malting Barley production contract that will be paid in addition to a specified barley futures price, or (3) The rpice per bushel from a price agreement or a malting barley production contract for malting barley less the barley Projected price. The additional value prcie is limited to \$1.25. Malting Barley-Option B (MB) (1) Malting barley price amount from a malting barley futures price, or (2) The price per bushel from a malting barley productino contract for malting barley less the barley Projected Price. The additional value price is limited to \$2.00.
Acre Stage Guarantee = Production Guarantee * Price Election Amount	Acre Stage Guarantee Amount	P21	36	999999999.99	Round to nearest dollar and Cents	
Section 11: Malting Barley Loss Guarantee Calculation						
Acre Stage Guarantee Amount * Determined Acreage Loss Guarantee Amount =	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17		None	
	Liability Adjustment Factor	P21	40	9.999999	None	

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Exhibit Name: Indemnity Calculations
Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	03 Revenue Protection with Harvest Price Exclusion					
	0011 Wheat	0021 Cotton			0078 Sunflowe	er		
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans			
	0018 Rice	0051 Grain Sorghum	0051 Grain Sorghum		0091 Barley			
		Field	Record	Field	Field	Field		

0018 Rice	0051 Grain Sorghum			0091 Barley		
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>
Production To Count = Production to Count Quantity * Price Election Amount	Revenue Conversion Production	P21	46	99999999.99	Round to 2 decimals nearest	
	To Count				dollar and cents.	
	Production to Count Quantity	P21	34	99999999.99	None	
	Price Election Amount	Internal		99999.9999	None	
Section 12: Malting Barley Indemnity Calculation						
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	35	S99999999.99	Round to whole number	
					nearest dollar and cents.	
= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
	Insured Share Percent	P11	48	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	53	S9999999999	Round to whole number	
	Multiple Commodity Adjustment	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
	Factor					
Total Indemnity ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

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